## What is claimed is:

2	1. A method for facilitating real-time interaction between a user and a digitally
3	represented visual environment within which the user's moving image is integrated, said method
4	including the use of a computer, electronic memory, a display, a video camera, and a video input
5	device, the method comprising the steps of:
6	storing a first computer generated digital image in said electronic memory;
7	assigning a velocity of movement to said digital image, said velocity of movement
8 i=1	including a rate of movement and a direction of movement of said digital image;
□ '49 '4	recording the image of said user using said video camera;
130  30  4	simultaneously displaying the image of said user and said stored first digital image
<del>   </del> 1	onto said display, at a predetermined refresh rate;
 	digitally repositioning said displayed first digital image on said display according
<u>1</u> 3	to said assigned velocity of movement;
14	comparing the relative position of said displayed image of said user and said
15	displayed first digital image;
16	determining when said displayed first digital image and the displayed image of
17	said user are within a predetermined distance on said display;
18	changing said velocity of movement of said displayed first digital image in
19	response to determining that said displayed first digital image and the displayed image of said

1	user are within said predetermined distance; and
2	simultaneously displaying said first digital image at said new velocity of
3	movement, and the image of said user.
1	2. A method for facilitating real-time interaction between a user and digitally
2	represented text data on a display within which the user image is integrated, the method
3	comprising the steps of:
<u>-</u> 14	storing text data in said electronic memory;
4 	assigning a velocity of movement to said text data, said velocity of movement
<b>1</b> 6	including a rate of movement and a direction of movement of said text data;
	recording the image of said user using a video camera;
7	simultaneously displaying the image of said user and said stored text data onto
<b>1</b> 9	said display, at a predetermined refresh rate;
10	digitally repositioning said displayed text data on said display by said assigned
11	velocity of movement;
12	comparing the relative position of said displayed image of said user and said
13	displayed text data;
14	determining when said displayed text data and the displayed image of said user

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1 are within a predetermined distance on said display;

changing the velocity of movement of said displayed text data in response to determining that said displayed text data and the displayed image of said user are within said predetermined distance; and

simultaneously displaying said text data at said new velocity of movement and the image of said user.

- 3. The method of claim 2, wherein said display includes an upper edge and a lower edge, and said velocity of movement of said text data includes a direction towards said lower edge of the display.
- 4. The method of claim 2, wherein said velocity of movement of said text data includes a first rate of movement, and said new velocity of movement of said text data includes a second rate of movement.
- 5. The method of claim 2, wherein said new velocity of movement of said text data includes no movement.

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recording the image of said user using a video camera;

simultaneously displaying the image of said user and said stored text data onto said display, at a predetermined refresh rate, thereby creating a combined image;

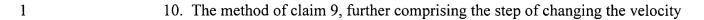
determining a destination of said text data, according to the assigned velocity, said text data destination being the point within the combination image where the text will next be displayed;

measuring the pixel color value of the displayed image at the determined text data destination;

comparing the measured pixel color value at the text data destination with said stored threshold color value;

displaying said text data at said text data destination in response to said comparing step determining that said measured pixel color value at the text data destination is less than said stored threshold color value; and

displaying said text data at a position within said combined image on said display other than said text data destination in response to determining in said comparing step that said measured pixel color value at the text data destination is greater than the stored threshold color value.



- of the text data in response to said comparing step determining that said measured pixel color
- 3 value at the text data destination is greater than the stored threshold color value.